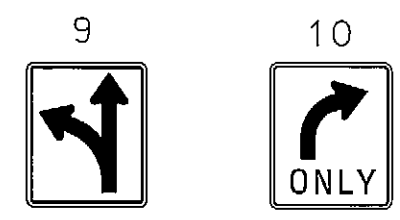


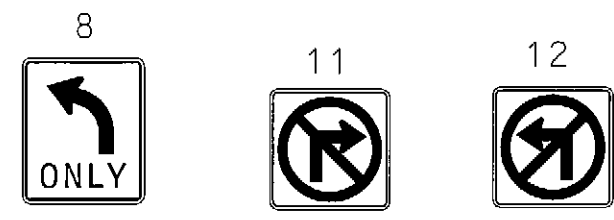
MD 139 IS ASSUMED
TO RUN IN A
NORTH-SOUTH DIRECTION

PROPOSED SIGN



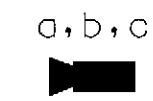
R3-6(1) R3-5(R)
(30"x36") (30"x36")

RELOCATED SIGNS FROM PHASE 1 & 2A

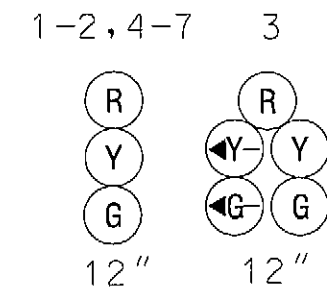


R3-5(L) R3-1(R) R3-1(L)
(30"x36") (30"x30") (30"x30")

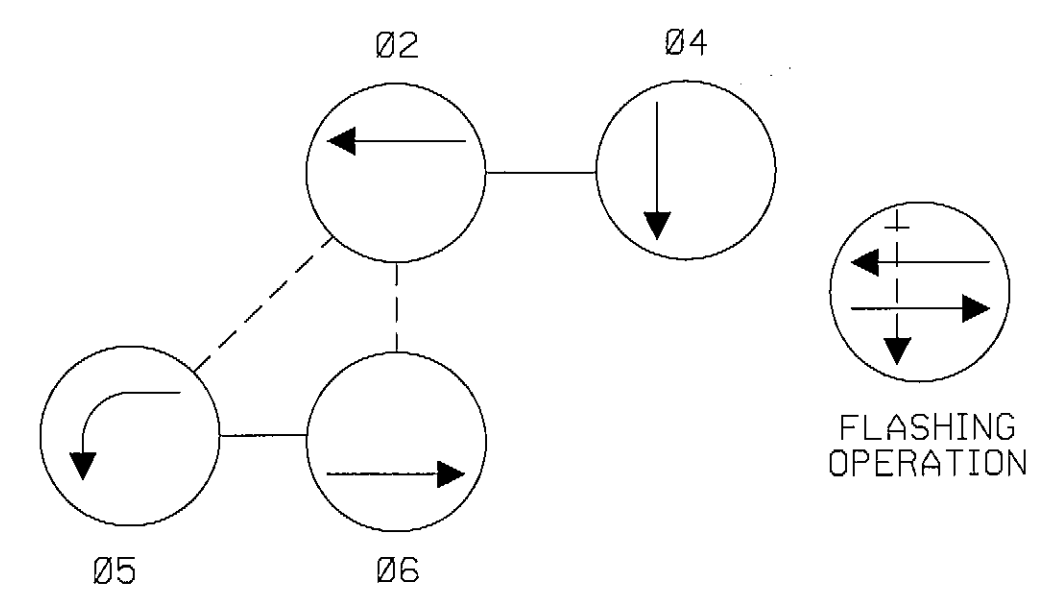
RELOCATED VIDEO DETECTION CAMERAS FROM PHASE 2B & 2C



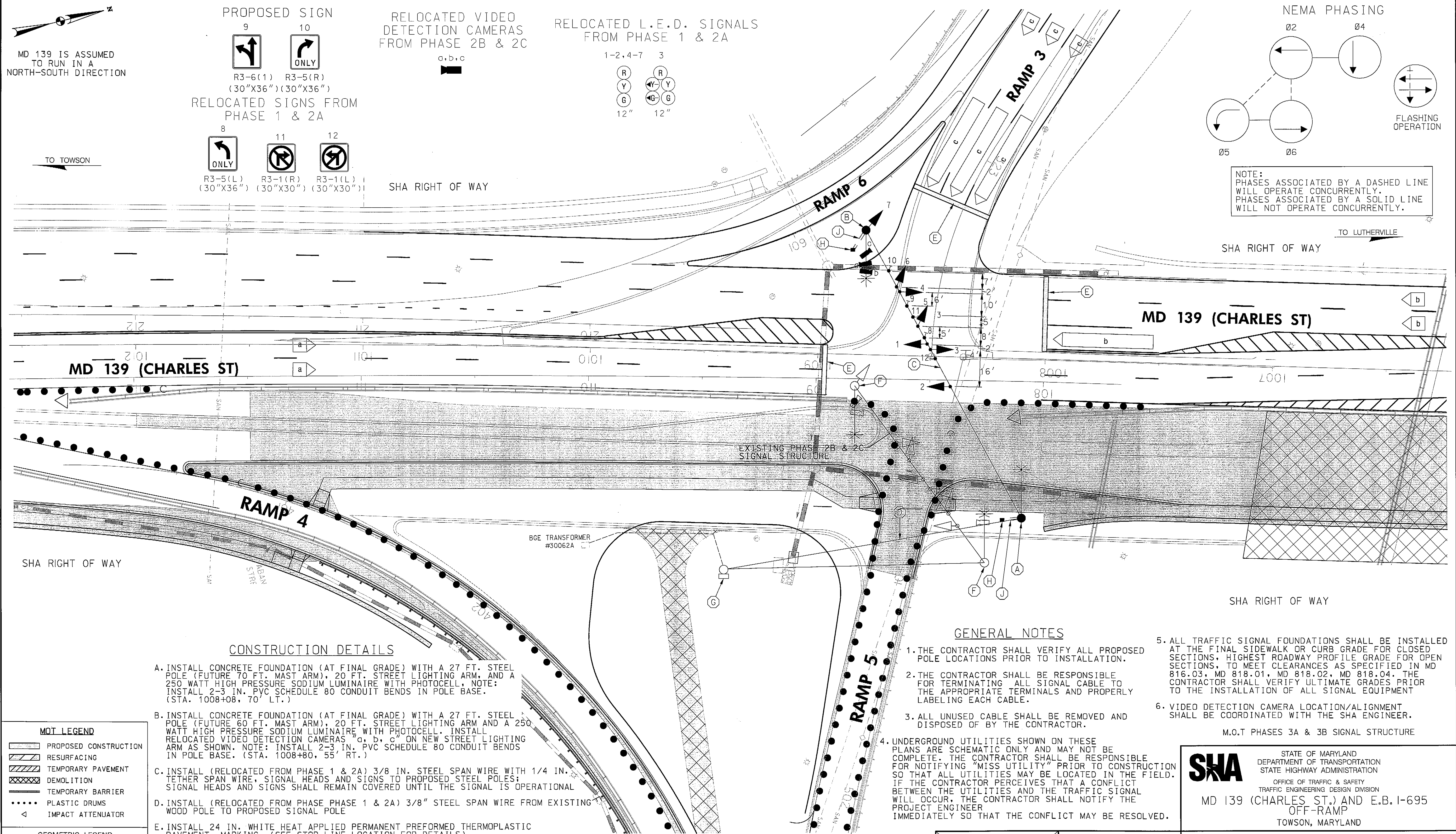
RELOCATED L.E.D. SIGNALS FROM PHASE 1 & 2A



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE
WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE
WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION (AT FINAL GRADE) WITH A 27 FT. STEEL POLE (FUTURE 70 FT. MAST ARM), 20 FT. STREET LIGHTING ARM, AND A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL. NOTE: INSTALL 2-3 IN. PVC SCHEDULE 80 CONDUIT BENDS IN POLE BASE. (STA. 1008+08, 70' LT.)
- INSTALL CONCRETE FOUNDATION (AT FINAL GRADE) WITH A 27 FT. STEEL POLE (FUTURE 60 FT. MAST ARM), 20 FT. STREET LIGHTING ARM AND A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL. INSTALL RELOCATED VIDEO DETECTION CAMERAS "a, b, c" ON NEW STREET LIGHTING ARM AS SHOWN. NOTE: INSTALL 2-3 IN. PVC SCHEDULE 80 CONDUIT BENDS IN POLE BASE. (STA. 1008+80, 55' RT.)
- INSTALL (RELOCATED FROM PHASE 1 & 2A) 3/8 IN. STEEL SPAN WIRE WITH 1/4 IN. TETHER SPAN WIRE, SIGNAL HEADS AND SIGNS TO PROPOSED STEEL POLES; SIGNAL HEADS AND SIGNS SHALL REMAIN COVERED UNTIL THE SIGNAL IS OPERATIONAL
- INSTALL (RELOCATED FROM PHASE PHASE 1 & 2A) 3/8" STEEL SPAN WIRE FROM EXISTING WOOD POLE TO PROPOSED SIGNAL POLE
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING. (SEE STOP LINE LOCATION FOR DETAILS)
- REMOVE EXISTING WOOD POLE, SPAN WIRES, SIGNAL HEADS AND ALL ASSOCIATED EQUIPMENT. RELOCATE EXISTING VIDEO DETECTION CAMERAS TO STEEL POLE (DETAIL B). BACKFILL TO GRADE
- USE EXISTING POLE MOUNTED CABINET
- INSTALL ELECTRICAL HANDHOLE AT FINAL GRADE
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS; HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT
- VIDEO DETECTION CAMERA LOCATION/ALIGNMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.

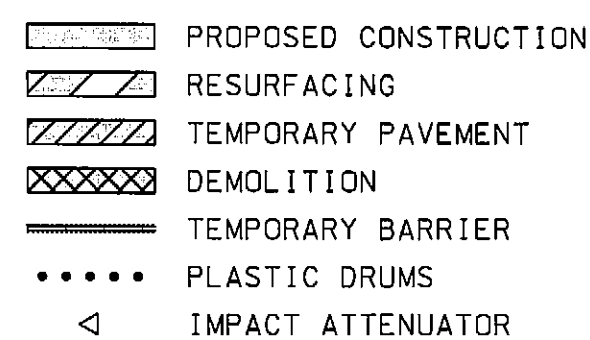
M.O.T PHASES 3A & 3B SIGNAL STRUCTURE

STOP LINE LOCATIONS

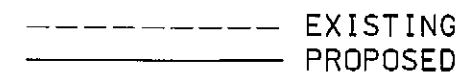
S.B. MD 139 - STA. 1008+00 RT & LT
N.B. MD 139 - STA. 1009+03 RT & LT
E.B. RAMP 3 - STA. 323+26 RT
STA. 323+23 LT

MUST MAINTAIN 40 FT. MIN. FROM
CLOSEST DESIGNATED SIGNAL HEAD

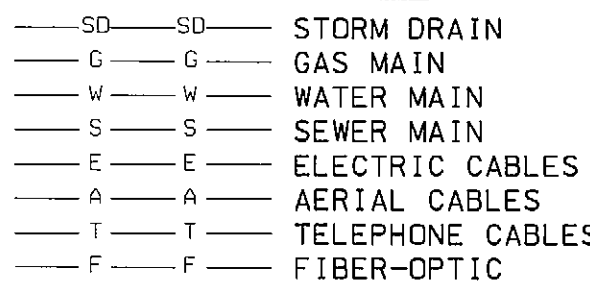
MOT LEGEND



GEOMETRIC LEGEND



UTILITY LEGEND



APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

| | | |
|-----|--|---------|
| ③ | RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS | 5/2008 |
| MLH | SHA NO. BA7719472 | |
| ② | INSTALL VIDEO DETECTION | |
| SWA | BVD DD DAZ BK | |
| ④ | RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS | 1/25/02 |
| NML | DD DAZ BK | |

TEMPORARY TRAFFIC SIGNAL PLAN

| | | | | | |
|-------------|-----------------|----------|-------------|--------------|------------------|
| SCALE | 1" = 20' | DATE | 6/82 | CONTRACT NO. | B-583-501-485 |
| DESIGNED BY | C.J./V.Y. | COUNTY | BALTIMORE | | |
| DRAWN BY | N.C.N. | LOGMILE | 03013903.43 | | |
| CHECKED BY | N.C.N. | TIMS NO. | I-572 | | |
| FAP NO. | SEE TITLE SHEET | TOD NO. | | | |
| TS NO. | 4162-C | DRAWING | SP-06 | OF 15 | SHEET NO. 277 OF |

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